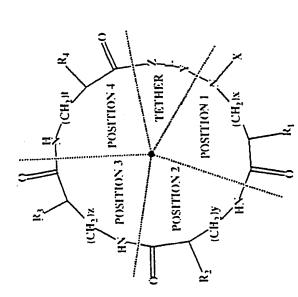
## D967931.100400



FAMILY 1; see table

FAMILY 2: like family I with position 4 empty

FAMILY 3: like family 1 with positions 3 and 4 empty

FAMILY 4: like family I with positions 2. 3 and 4 empty

|                               |               |   | <u></u>  |   | 2  |
|-------------------------------|---------------|---|--|---|--|
| ×                             | <b>Y</b>      | 2   | J  | x y z t (a)                                       | the fix the ly the   |
| -80Ar                         | -CH3-         | Ϋ́  | -(CH <sub>2</sub> );- i=1 to 9   | <b>c</b>  |  |
| -80 <u>7</u> -CF <sub>1</sub> | ; · ;         | φ   | -(CH <sub>2</sub> ) <sub>m</sub> -Ar-(CH <sub>2</sub> ) <sub>n</sub> -<br>-(CH <sub>2</sub> ) <sub>m</sub> -O-Ar-(CH <sub>2</sub> ) <sub>n</sub> -<br>-(CH <sub>3</sub> ) <sub>m</sub> -Ar-O-(CH <sub>3</sub> ) <sub>n</sub> -   | - cı  | NIIIII NIKIN   |
| COH<br>COH                    |               |   | Ar ortho, meta, para   |   | IIIN NO NEW TONGO  |
| CO-NHR<br>CO-NHA              | -             | -(CH <sub>2</sub> ) <sub>m</sub> -CH=<br>Alkene E.Z<br>-(CH <sub>2</sub> )C=C | -(CH <sub>2</sub> ) <sub>m</sub> -CH=CH-(CH <sub>2</sub> ) <sub>n</sub> -<br>Alkene E.Z<br>-(CH <sub>2</sub> ) <sub>2</sub> -Ar-CH=CH-(CH <sub>2</sub> ) <sub>3</sub> -<br>-(CH <sub>2</sub> ) <sub>2</sub> -C=C-(CH <sub>3</sub> ) <sub>2</sub> -   | H-(CH <sub>2</sub> ),-<br>.r-(CH <sub>3</sub> ),- | Open Princial Copen  |
| -CO-O-IBu                     |               | —(CH2)m—  | ,  | CH-(CH <sub>2</sub> ),-                           | Spessiff Light Oscillations of the Spessiff  |
|                               |               | epoxit<br>—(CH2)mT<br>HG  | cpoxide cis.trans  | אות<br>ל  | Proline and 4 Hydroxyproline can be used at SO <sub>3</sub> CH <sub>3</sub> positions 0.2.3 (also at position 1 when X=CO)           |
|                               | CIL)a-NHI'G'N | (CII.)m7  | (CH2)m (C | L   | PGO= -H, -COH, -CO-CH <sub>1,</sub> -CO-Ar, CO-IBu   |
|                               |               |   | m=1 to 6, n=1 to 6   |   | PCitriul= -OH, -NH <sub>2</sub> , -OCH <sub>3</sub> , -NHCH <sub>3</sub> , -O-1Bu, -O-Bn   |
| PGN= -HS                      | 302-CH1,-S    | 02-CF3CO  | H, -CO-CH <sub>3</sub> , -CO-Ar, -CO-NHR, -CC  | -NHARCC   | PGN=-H, -S02-CH3,-S02-CF3,-COH, -CO-CH3, -CO-Ar, -CO-NHR, -CO-NHAR, -CO-O-1Bu, -CO-O-Bn, -CO-O-R PGS=-H, -1Bu, -CO-CH3, -CO-Ar, -COH |
|                               |               |   |  |   |  |

Ar. alkeness and CH2s in AA (Amino-Acid), PGN, PGO, PGacid and PGS can hear groups amongst: -O-CH3, -CH3, -NH2, -NH-CH3, -N(CH3)2, -CO-OH, -CO-CH3, -CO-CH3, -CO-NH2, OH, F, CI, Br, I.

FIGURE 1

PG
$$_{1}$$
 (PG $_{2}$ )
PG $_{1}$  (PG $_{3}$ )
PG $_{1}$  (PG $_{2}$ )
PG $_{1}$  (PG $_{2}$ )
PG $_{1}$  (PG $_{3}$ )
PG $_{1}$  (PG $_{2}$ )
PG $_{2}$  (PG $_{3}$ )
PG $_{1}$  (PG $_{3}$ )
PG $_{2}$  (PG $_{3}$ )
PG $_{3}$  (PG $_{3}$ )
PG $_{4}$  (PG $_{2}$ ) R $_{3}$  (PG $_{3}$ )
PG $_{4}$  (PG $_{2}$ ) R $_{3}$  (PG $_{3}$ )
PG $_{4}$  (PG $_{2}$ ) R $_{3}$  (PG $_{3}$ )

A = Sp

FIGURE 2a

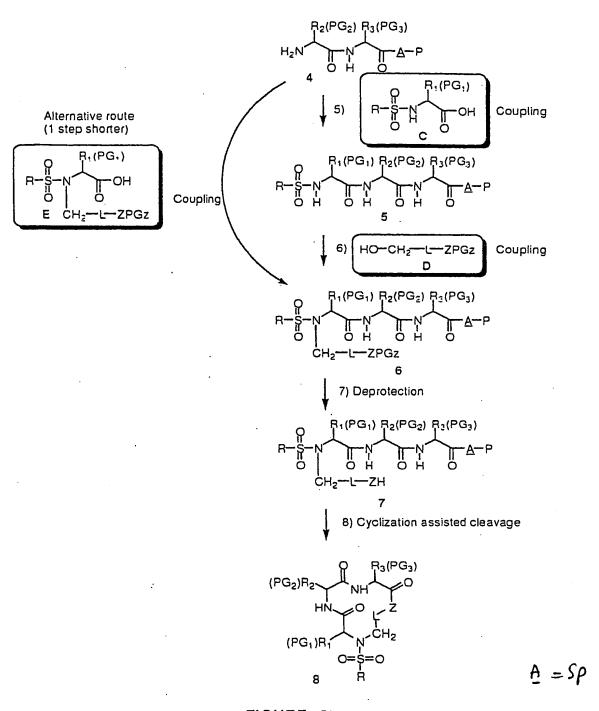


FIGURE 2b

$$(PG_2)R_2 \longrightarrow NH \longrightarrow CH_2$$

$$(PG_1)R_1 \longrightarrow CH_2$$

$$(PG_2)R_2 \longrightarrow CH_2$$

$$(PG_1)R_1 \longrightarrow CH_2$$

$$(PG_2)R_2 \longrightarrow NH \longrightarrow CH_2$$

$$(PG_2)R_2 \longrightarrow NH \longrightarrow CH_2$$

$$(PG_2)R_2 \longrightarrow NH \longrightarrow CH_2$$

$$(PG_1)R_1 \longrightarrow CH_2$$

$$(PG_2)R_2 \longrightarrow NH \longrightarrow CH_2$$

$$(PG_2)R_2 \longrightarrow NH \longrightarrow CH_2$$

$$(PG_2)R_2 \longrightarrow NH \longrightarrow CH_2$$

$$(PG_1)R_1 \longrightarrow NH \longrightarrow CH_2$$

$$(PG_2)R_2 \longrightarrow NH \longrightarrow CH_2$$

$$(PG_1)R_1 \longrightarrow NH \longrightarrow CH_2$$

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$$(PG_2)R_2 \longrightarrow NH \longrightarrow CH_2$$

$$(PG_2)R_2 \longrightarrow NH \longrightarrow CH_2$$

FIGURE 3

FIGURE 4a

17

$$(PG_2)R_2$$
 $(PG_1)R_1$ 
 $(PG_$ 

FIGURE 4b